

Product Information

Decabromodiphenyl Ethane

Product Description:

Decabromodiphenyl Ethane (DBDPE) is an odorless white powder that is non-toxic and non-corrosive. It is insoluble in water, ethanol, acetone and benzene. It has good thermal stability and UV resistance, thus its use in applications requiring high temperature and color stability. DBDPE is suitable for systems where recycling is anticipated.

Applications:

DBDPE is used as a flame retardant in a wide variety of materials including polystyrene, styrene, ABS, epoxy resin, among many others. It typically finds use in styrene polymers, engineering resins, wire, cabling and elastomers.

Chemical Formula:

$C_{14}Br_{10}H_4$

CAS No. :

84852-53-9

Specifications:

Parameters (units)	Specifications
Appearance	White powder
Whiteness	≥ 90.0
Bromine content (%)	≥ 81
Melting point (°C)	≥ 340
Average particle size (µm)	≤ 3
Free bromine (ppm)	≤ 10
Volatile content (%)	≤ 0.10

*% denoted represents wt/wt %, unless noted otherwise

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Packaging:

Material is available in 25 kg bags. Further packaging options may be available upon inquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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